

Abstract of the Disclosure

An image pick up device includes a pick-up unit for picking up an image condensed on a line sensor through a lens; a chromatic aberration correction board with a predetermined pattern in accordance with a pick-up resolution; an interpolation factor calculation unit for calculating chromatic aberration interpolation factors to be used for a chromatic aberration correction by using digital image data on the chromatic aberration correction board picked up by the pick-up unit; a line memory for storing the chromatic aberration interpolation factors calculated by the interpolation factor calculation unit; and a chromatic aberration unit for correcting the image data picked up from an original image by using the chromatic aberration interpolation factors outputted from the line memory.